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G. B. Rednikov

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1. The first part of the document is a list of names of persons who were in contact with the subject of the investigation. The names are listed in alphabetical order. The names are: [illegible]
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4. The fourth part of the document is a list of names of persons who were in contact with the subject of the investigation. The names are listed in alphabetical order. The names are: [illegible]
5. The fifth part of the document is a list of names of persons who were in contact with the subject of the investigation. The names are listed in alphabetical order. The names are: [illegible]

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DESCRIPTORS: *Furfuryl alcohols, *Chromatographic
analysis, Water, Turpentine, Mixtures.

(Chemistry--Organic, TT, v. 10, no. 10)

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OF FUSION OF NaHSO_3 AND NaHSO_4 DERIVED
FROM THE HEATING CURVES OBTAINED UNDER
ADIABATIC CONDITIONS. [1961] [5]p. 11 refs.
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Trans. of Moscow U. Vestnik. Seriya Matematiki,
Mekhaniki, Astronomii, Fiziki, Khimii (USSR) 1959,
v. 14, no. 2, p. 197-202.

DESCRIPTORS: *Sodium compounds, *Sulfates, *Heat
of fusion, Determination, *Calorimeters, Design.

The construction of a spherical calorimeter for the
determination of thermodynamic quantities using the
method of continuous heating under adiabatic conditions
is described. Values were calculated for the heat of
fusion of sodium bisulfate, $\Delta H = 2480$ cal/mol; the
(Physics--Thermodynamics, TT, v. 7, no. 7) (over)

61-27989

I. Bernitskii, L. A.
II. Komyakov, K. G.
III. Translations, New York

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Office of Technical Services

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[1961] [8]p. 3 refs.

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61-27806

Trans. of Moscow U. Vestnik. [Seriya Matematiki
Mekhaniki Astronomii, Fiziki, Khimii] 1959 [v. 14]
no. 2, p. 217-224.

DESCRIPTORS: Calorimeters, *Heat, Reduction, Iron
compounds, Oxides, *Ferrites, *Hydrogen,
*Calorimetry, Determination.

An isothermal calorimeter is described that was con-
structed for the determination of the heats of reactions
at high temperatures. The possibility, in principle, of
doing calorimetric measurements on slow endothermal
(Physics - Thermodynamics, TT, v. 6, no. 9) (over)

61-27806

- I. Reznitskii, L. A.
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TT-65-14277

Field 7D

Reznitskii, L. A.; Khomyakov, K. G.; Nekrasov, L. L.;
Skorokhodov, I. I.

THE PROBLEM OF THE HIGHER HYDROGEN PEROXIDE
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ACU 678

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II. Some notes on the Thermochemistry of the Higher
Peroxide H_2O_4 and the HO_2 Radical by I.I. Skorok-
hodov, L.I. Nekrasov, L.A. Reznitskiy, K.G. Khomaykov,
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7 pp. FOR OFFICIAL USE ONLY

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EEur - Germany
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NASA TT F-29

National Aeronautics and Space Administration.

ON THE CALCULATION OF STEADY BOUNDARY
LAYERS FOR CONTINUOUS SUCTION, WITH
DISCONTINUOUSLY VARIABLE SUCTION VELOCITY.

(Zur berechnung stationärer grenzschichten bei:

kontinuierlicher absaugung mit un stetig
veränderlicher absaugengeschwindigkeit.)

Werner Rheinboldt. March 1961. 101 p. OTS price,

\$2.50. (NASA TECHNICAL TRANSLATION F-29.

Translation of thesis submitted for degree of Doctor
of the Faculty of Natural Sciences and Mathematics
to Albert-Ludwigs-Universität, Freiberg (Germany))

An exact method of calculating the laminar boundary-
layer velocity distributions for discontinuously vari-
able suction velocities in incompressible steady flow
is presented. The method is applicable to arbitrary
external pressure distributions. In essence, the
method consists in setting up a series expansion for
the stream function applicable near the surface,

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(over)

I. Rheinboldt, Werner
II. NASA TT F-29
III. Albert-Ludwigs-
Universität, Freiberg
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20, Fluid mechanics.)

NASA

N. A TT F-29

following an appropriate transformation of the variables. For larger distances from the wall, an asymptotic expansion is then connected to the initial series.

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Order from SLA mi\$2.70, ph\$4.80

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Trans. of Angewandte Chemie (West Germany) 1958,
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A discussion is given on the extent of protection a
patent must have to be in the interest of the inventor
or how far it may be in the interest of the public. The
principles according to which the German infringem-
ent courts today determine the extent of protection
of a patent correspond to the interests of chemical
industry. The extent of protection should first be
determined in the infringement process. The exami-
nation of a general inventive idea, made valid in an
infringement process, relative to patentability, should
be left to the patent office. (Author) (An address given
October 9, 1957 at the Berlin General Meeting of the
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